

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**  
*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Attorney Docket No.	209545US0X
First Inventor or Application Identifier	Masanobu IKUI
Title	SYNTHETIC QUARTZ POWDER, ITS PRODUCTION PROCESS, AND SYNTHETIC QUARTZ CRUCIBLE
Assignee Name: MITSUBISHI MATERIALS QUARTZ CORPORATION	
Assignee Address: 1-5-1, Marunouchi, Chiyoda-ku, Tokyo 100-0004, Japan	

10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40

U.S. PTO  
JC909/092865  
06/28/01

06/28/01

**APPLICATION ELEMENTS**  
*See MPEP chapter 600 concerning utility patent application contents*

1.  Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Specification Total Sheets **19**

3.  Drawing(s) (35 U.S.C. 113) Total Sheets

4.  Oath or Declaration Total Pages 

- a.  Newly executed (original or copy)
- b.  Copy from a prior application (37 C.F.R. §1.63(d))  
(for continuation / divisional w/ box 17 completed)
  - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in  
the prior application, see 37 C.F.R. §1.63(d)(2) and  
1.33(b).

5.  CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)

6.  Nucleotide and/or Amino Acid Sequence Submission  
(*if applicable, all necessary*)
 

- a.  Computer Readable Form (CRF)
- b. Specification or Sequence Listing on:
  - i.  CD-ROM or CD-R (2 copies); or
  - ii.  Paper
- c.  Statements verifying identity of above copies

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

**ACCOMPANYING APPLICATION PARTS**

7.  Assignment Papers (cover sheet & document(s))
8.  Application Data Sheet. See 37 CFR 1.76
9.  37 C.F.R. §3.73(b) Statement  Power of Attorney  
(*when there is an assignee*)
10.  English Translation Document (*if applicable*)
11.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
12.  Preliminary Amendment
13.  White Advance Serial No. Postcard
14.  Certified Copy of Priority Document(s)  
(*if foreign priority is claimed*)
15.  Applicant claims small entity status.  
See 37 CFR 1.27
16.  Other: List of Inventors' Names and Addresses  
Request for Priority

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

Continuation       Divisional       Continuation-in-part (CIP)      of prior application no.:

Prior application information: Examiner: Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. Amend the specification by inserting before the first line the sentence:

This application is a  Continuation  Division  Continuation-in-part (CIP)  
of application Serial No. Filed on

Which was published in English

Which was not published in English

This application claims priority of provisional application Serial No. Filed

**19. CORRESPONDENCE ADDRESS**



**22850**

(703) 413-3000

FACSIMILE: (703) 413-2220

Name:	Norman F. Oblon	Registration No.:	24,618
Signature:	<i>Corwin Paul Umbach</i>	Date:	6-28-01
Name:	Corwin P. Umbach, Ph.D.	Registration No.:	40,211

Docket No. 20954US0X

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Masanori FUKUI, ET AL.

SERIAL NO: New Application

FILING DATE: Herewith

FOR: SYNTHETIC QUARTZ POWDER, ITS PRODUCTION PROCESS, AND SYNTHETIC QUARTZ CRUCIBLE

Jc903 US PTO  
09/892865  
06/28/01

FEE TRANSMITTAL

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	15 - 20 =	0	× \$18 =	\$0.00
INDEPENDENT CLAIMS	2 - 3 =	0	× \$80 =	\$0.00
■ MULTIPLE DEPENDENT CLAIMS (If applicable)			+ \$270 =	\$270.00
■ LATE FILING OF DECLARATION			+ \$130 =	\$130.00
			BASIC FEE	\$710.00
			TOTAL OF ABOVE CALCULATIONS	\$1,110.00
<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$0.00
<input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE			+ \$130 =	\$0.00
<input type="checkbox"/> RECORDATION OF ASSIGNMENT			+ \$40 =	\$0.00
			TOTAL	\$1,110.00

Please charge Deposit Account No. 15-0030 in the amount of A duplicate copy of this sheet is enclosed.

A check in the amount of **\$1,110.00** to cover the filing fee is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Corwin Paul Umbach

Norman F. Oblon  
Registration No. 24,618

Corwin P. Umbach, Ph.D.  
Registration No. 40,211

Date: 6-28-01



**22850**

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 10/00)

#4  
 JC903 U.S. PTO  
 09/892865  
 06/28/01



# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Masanori FUKUI, ET AL.

GAU:

SERIAL NO: NEW APPLICATION

EXAMINER:

FILED: HEREWITH

FOR: SYNTHETIC QUARTZ POWDER, ITS PRODUCTION PROCESS, AND SYNTHETIC QUARTZ CRUCIBLE

## REQUEST FOR PRIORITY

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

- Full benefit of the filing date of U.S. Application Serial Number, filed, is claimed pursuant to the provisions of 35 U.S.C. §120.
- Full benefit of the filing date of U.S. Provisional Application Serial Number , filed , is claimed pursuant to the provisions of 35 U.S.C. §119(e).
- Applicants claim any right to priority from any earlier filed applications to which they may be entitled pursuant to the provisions of 35 U.S.C. §119, as noted below.

In the matter of the above-identified application for patent, notice is hereby given that the applicants claim as priority:

<u>COUNTRY</u>	<u>APPLICATION NUMBER</u>	<u>MONTH/DAY/YEAR</u>
JAPAN	2000-195167	JUNE/28/2000

Certified copies of the corresponding Convention Application(s)

- are submitted herewith
- will be submitted prior to payment of the Final Fee
- were filed in prior application Serial No. filed
- were submitted to the International Bureau in PCT Application Number .  
Receipt of the certified copies by the International Bureau in a timely manner under PCT Rule 17.1(a) has been acknowledged as evidenced by the attached PCT/IB/304.
- (A) Application Serial No.(s) were filed in prior application Serial No. filed ; and
- (B) Application Serial No.(s)
  - are submitted herewith
  - will be submitted prior to payment of the Final Fee

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



Norman F. Oblon  
Registration No. 24,618

Corwin P. Umbach, Ph.D.  
Registration No. 40,211



**22850**

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 10/98)

Docket No. 209545US0X

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Masanori FUKUI, ET AL.

FILING DATE: Herewith

FOR: SYNTHETIC QUARTZ POWDER, ITS PRODUCTION PROCESS, AND SYNTHETIC QUARTZ CRUCIBLE

**LIST OF INVENTORS' NAMES AND ADDRESSES**

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Listed below are the names and addresses of the inventors for the above-identified patent application.

Masanori FUKUI Akita-shi, Akita, JAPAN

Takahiro SATO Akita-shi, Akita, JAPAN

A declaration containing all the necessary information will be submitted at a later date.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Corwin Paul Umbach

Norman F. Oblon  
Registration No. 24,618

Corwin P. Umbach, Ph.D.  
Registration No. 40,211



**22850**

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 11/98)

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

07/03/2001 MDIZUNES 00000026 09892865

01 FC:101	710.00 OP
02 FC:104	270.00 OP
03 FC:105	130.00 OP

PTO-1556  
(5/87)